

What is claimed is:

1. A heat sink assembly comprising:

a socket;

an electronic package mounted on the socket;

a heat sink; and

a clip comprising a pressing member engaged with the socket, and an operating member comprising a pair of resilient portions, the pressing member comprising a pair of opposite pressing portions pressing the heat sink against the electronic package, a pair of cutouts being defined in the pressing member at a side thereof, the resilient portions snappingly engaged with the pressing member in the cutouts.

2. The heat sink assembly as described in claim 1, wherein two catches are provided on opposite sides of the socket, latching legs with fixing holes defined therein extend downwardly from the clip, the fixing holes engagingly receiving the catches therein respectively.

3. The heat sink assembly as described in claim 1, wherein a handle is bent from a top of the operating member, for facilitating operation.

4. The heat sink assembly as described in claim 1, wherein a pair of shoulders is formed at opposite sides of a top portion of the heat sink, the pressing portions of the clip being engaged on the shoulders.

5. The heat sink assembly as described in claim 2, wherein the pressing member further comprises opposite first and second beams interconnecting corresponding opposite ends of the pressing portions.

6. The heat sink assembly as described in claim 5, wherein a tab extends upwardly from a middle portion of the first beam.

7. The heat sink assembly as described in claim 5, wherein the cutouts are defined in a top of a middle portion of the second beam, and the resilient portions are formed inwardly from opposite sides of the operating member.
8. The heat sink assembly as described in claim 5, wherein a first latching leg extends downwardly from a bottom of the operating member, and a second latching leg extends downwardly from a middle portion of the first beam, the first and second latching legs engaging with the catches of the socket.
9. The heat sink assembly as described in claim 5, wherein the pressing portions are each substantially M-shaped.
10. The heat sink assembly as described in claim 5, wherein the pair of cutouts is defined in the pressing portions at opposite sides of the pressing member near the second beam, and upper portions of the resilient portions are received in the cutouts.
11. The heat sink assembly as described in claim 10, wherein a notch is defined in an outer edge of each of the resilient portions.
12. A heat sink assembly comprising:
  - a socket;
  - an electronic package mounted on the socket;
  - a heat sink; and
  - a clip for pressing the heat sink against the electronic package, the clip comprising an operating member and a pressing member, wherein the operating member comprises a main body, at least two fastening means are provided in opposite sides of the main body, a first latching leg extends downwardly from a bottom of the main body, and the pressing member comprises a pair of opposite pressing portions pressing the heat sink against the electronic package, the fastening means of the operating member snappingly engages with at least one side of the pressing member, and a

second latching leg extends downwardly from the pressing member distal from the first latching leg.

13. The heat sink assembly as described in claim 12, wherein two catches are provided on opposite sides of the socket, the first and second latching legs each define a fixing hole, and the fixing holes engagingly receiving the catches therein respectively.
14. The heat sink assembly as described in claim 12, wherein a handle is bent from a top of the operating member, for facilitating operation.
15. The heat sink assembly as described in claim 12, wherein the pressing member further comprises opposite first and second beams interconnecting corresponding opposite ends of the pressing portions.
16. The heat sink assembly as described in claim 15, wherein two cutouts are defined in a top of a middle portion of the second beam, and the fastening means is snappingly engaged with the second beam in the cutouts.
17. The heat sink assembly as described in claim 15, wherein two cutouts are respectively defined in the pressing portions near the second beam; and the fastening means is engaged with the pressing portions in the cutouts.
18. A heat sink assemble comprising:
  - a socket sub-assembly;
  - a heat generating device located on the socket sub-assembly;
  - a heat sink seated upon said heat generating device, said heat sink defining two side regions;
  - a clip including a pressing member and an operating member discrete from each other, said pressing member originally configured with a rectangular frame and later bent to form a final curved shape with thereof two opposite pressing portions abutting against said two side regions, a first beam integrally connected

between two ends of said two pressing portions and including a first latch leg to fasten to one side the socket sub-assembly; and a second beam integrally connected between other two ends of said two pressing portions in parallel to said first beam,

said operating member attached to the pressing member around said second beam, said operating member including a second latch leg to fasten to the other side of the socket sub-assembly and a handle opposite to said second latch leg; wherein

said two opposite pressing portions, said first beam and said second beam commonly define generally a periphery of said heat sink.